



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	09/544,399
Filing Date	04/06/2000
First Named Inventor	JOHNSON, Royce
Art Unit	3761
Examiner Name	Bogart, Michael G.
Attorney Docket Number	VAC.561.US

Sheet 1 of 7

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
M6B		US- 5,437,622	08-01-1995	Carion, Jean-Pierre	
M6B		US- 6,345,623	02-12-2002	Heaton, K., et al	
M6B		US- 6,553,998	04-29-2003	Heaton, K., et al	
M6B		US- 6,814,079	11-09-2004	Heaton, K., et al	
M6B		US- 5,437,651	08-01-1995	Todd, R., et al	
M6B		US- 5,549,584	08-27-1996	Gross, James R.	
M6B		US- 5,134,994	08-04-1992	Say, Sam L.	
M6B		US- 4,710,165	12-01-1987	McNeil, C.B., et al	
M6B		US- 3,520,300	07-14-1970	Flower, Guiles	
M6B		US- 4,758,220	07-19-1988	Sundblom, L., et al	
M6B		US- 5,279,550	01-18-1994	Habib, Magdi, et al	
M6B		US- 5,092,858	03-03-1992	Benson C.D., et al	
M6B		US- 5,086,170	02-04-1992	Luheshi A., et al	
M6B		US- 5,278,100	01-11-1994	Doan, T., et al	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

M6B

Date  
Considered

6/8/2005

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Sheet	2	of	7
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## U. S. PATENT DOCUMENTS

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		Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YY 09-17-1997	Mitsui	
MGB		WO 97/13793	<del>09-09-1998</del>	<del>KCI Medical Ltd</del>	
MGB		AU-745271	03-14-2002	KCI Medical Ltd	
MGB		SG-71559	04-16-2002	KCI Medical Ltd	
MGB		GB-2,329,127 B	08-16-2000	KCI Medical Ltd	
MGB		GB-2,333,965 A	08-11-1999	KCI Medical Ltd	
MGB		AU-755496	12-12-2002	KCI Medical Ltd	

Examiner Signature	<i>K. G. R. T.</i>	Date Considered	6/8/2005
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Sheet 3 of 4

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
MGB		GB-692,578	06-10-1953	Minnesota Min..		
MGB		WO 80/02182	10-16-1980	Moss, James		
MGB		WO/94/20041	09-15-1994	WFU/Argenta, L.		
MGB		DE-295 04 378 U1	09-14-1995	MTG		
MGB		DE-43 06 478 A1	09-08-1994	Wagner, W.		
MGB		CA-2005436	06-30-1990	Kalt, Glenda G.		

Examiner Signature	<i>R. G. B.</i>	Date Considered	6/8/2005
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Sheet 4 of 7

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		Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)				
M6B		WO 93/09727	05-27-1993	Wake Forest Un.		
M6B		GB-2 197 789 A	06-02-1988	Smith Industrie		
M6B		EP-0358 302	03-14-1990	Smith Industrie		
M6B		DE 26 40 413 A1	03 09 1978	Wolf, Richard		
M6B		EP 1 018 967 B1	08-18-2004	Heaton, Keith P		

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MGB		WO 96/05873	02-29-1996	Lina		
MGB		WO 97/18007	05-22-1997	Hunt		
AWB		EP-0161865	11-21-1985	Ward		
MGB		EP-0117632-A2	01-1984	JMcCracken		

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Sheet	6	of	7	Attorney Docket Number	VAC.561.US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MGB		LOUIS C. ARGENTA, MD and MICHAEL J. MORYKOWAS, PHD; Vacuum-Assisted Closure: A New Method for Wound Control and Treatment: Clinical Experience; Annals of Plastic Surgery, ...	
MGB		SUSAN MENDEZ-EASTMAN, RN; When Wounds Won't Heal, RN January 1998, Volume 61(1); Medical Economics Company, Inc., Montvale, NJ, USA.	
MGB		JAMES H. BLACKBURN, II, MD. et al; Negative-Pressure Dressings as a Bolster for Skin Grafts; Annals of Plastic Surgery, Volume 40, Number 5, May 1998, pages 453-457; ....	
MGB		JOHN MASTERS; Letter to the editor; British Journal of Plastic Surgery, 1998, Volume 51(3), page 267; Elsevier Science/The British Association of Plastic Surgeons, UK	
MGB		S.E. GREER, et al; The Use of Subatmospheric Pressure Dressing Therapy to Clos Lymphocutaneous Fistulas of the Groin; British Journal of Plastic Surgery (2000), 53 ....	
MGB		GEORGE V. LETSOU, M.D., et al; Stimulation of Adenylate Cyclase Activity in Cultured Endothelial Cells Subjected to Cyclic Stretch; Journal of Cardiovascular Surgery, 31, 1990	
MGB		PCT International Search Report; PCT international application PCT/GB98/02713; June 8, 1999	
MGB		PCT Written Opinion; PCT international application PCT/GB98/02713; June 8, 1999	
MGB		PCT International Examination and Search Report, PCT international application PCT/GB96/02802; Jan. 15, 1998 and April 29, 1997	
MGB		PCT Written Opinion, PCT international application PCT/GB/96/02802; September 3, 1997	

Examiner Signature	<i>M.G. Bogart</i>	Date Considered	6/8/2005
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NON PATENT LITERATURE DOCUMENTS			
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MGB		KOSTYUCHENOK, B.M, et al. ; Vacuum Treatment in the Surgical Management of Purulent Wounds; Vestnik Khirurgi, September 1986	
MGB		DAVYDOV, Yu. A., et al; Vacuum Therapy in the Treatment of Purulent Lactation Mastitis; Vestnik Khirurgi, September 1986	
MGB		YUSUPOV, Yu. N., et al; Active Wound Drainage, Vestnik Khirurgi, Vol. 138, Issue 4, 1987.	
MGB		DAVYDOV, Yu. A., et al; Bacteriological and Cytological Assessment of Vacuum Therapy of Purulent Wounds; Vestnik Khirurgi, October 1988	
MGB		DAVYDOV, Yu. A., et al; Concepts For the Clinical-Biological Management of the Wound Process in the Treatment of Purulent Wounds by Means of Vacuum Therapy; Vestnik Khirurgi	
MGB		International Search Report for PCT international application PCT/GB95/01983; November 23, 1995	
MGB		Patent Abstract of Japan; JP4129536; Terumo Corporation; April 30, 1992	
MGB		ORRINGER, JAY, et al., "Management of Wounds in Patients with Complex Enterocutaneous Fistulas", Surgery, Gynecology & Obstetrics, July 1987, V. 165, pp. 79-80.	

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